



#4

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 00-196-C)

In the Application of:

	Paul D. Howey, et al	)	Examiner: N/A
		)	
Serial No.	09/833,726	)	Group Art Unit: 2165
		)	
Filed:	April 12, 2001	)	
		)	
For:	Computer-Based Interpretation	)	
	and Location System	)	

**TRANSMITTAL LETTER**

Commissioner for Patents  
Washington, D.C. 20231

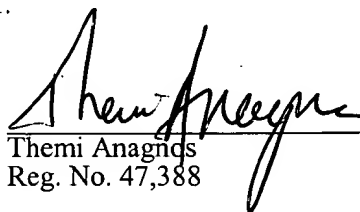
Sir:

In regard to the above-identified application:

1. We are transmitting herewith the attached:
  - a. Response and Petition to the Notice of Incomplete Reply;
  - b. Preliminary Amendment;
  - c. Copy of the Notice of Incomplete Reply;
  - d. Return Receipt Postcard.
2. With respect to additional fees:

Please charge the total filing fee to our Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
3. Please charge any deficiency in the amount due, or credit any overpayment, to Deposit Account No. **13-2490**. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the papers, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as "First Class Mail" in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this **7th** day of **September, 2001**.

By:

  
Themis Anagninos  
Reg. No. 47,388



#4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-196-C)

In the Application of:

Paul D. Howey, et al

Serial No. 09/833,726

Filed: April 12, 2001

For: Computer-Based Interpretation  
and Location System

Examiner: N/A

Group Art Unit: 2165

**RESPONSE AND PETITION TO THE NOTICE OF  
INCOMPLETE REPLY MAILED AUGUST 21, 2001**

Commissioner for Patents  
Washington, D.C. 20231

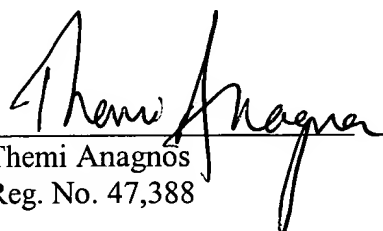
Sir:

Responsive to the Notice of Incomplete Reply, mailed August 21, 2001, Applicants  
submit herewith a Preliminary Amendment.

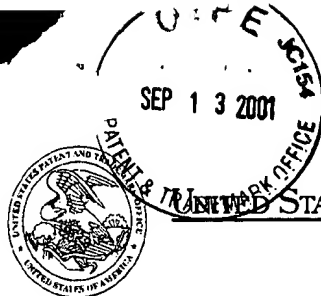
Respectfully submitted,  
McDonnell Boehnen Hulbert & Berghoff

Date: September 7, 2001

By:

  
Themis Anagnos  
Reg. No. 47,388

036



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/833,726	04/12/2001	Paul D. Howey	00-196-C

CONFIRMATION NO. 5500

20306

MCDONNELL BOEHNEN HULBERT & BERGHOFF  
300 SOUTH WACKER DRIVE  
SUITE 3200  
CHICAGO, IL 60606

## FORMALITIES LETTER



\*OC000000006451008\*

Date Mailed: 08/21/2001

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

## Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

- Figure(s) 2E-I & 3E-I & 14C & 17B & 27B & 5B described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must** be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date **must** be filed within **TWO MONTHS** of the date of this Notice.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (*i.e.*, the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabelled drawing figures, is

***A copy of this notice MUST be returned with the reply.***

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

1. *Chlorophyll a* (mg/g) 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4 5.7 6.0 6.3 6.6 6.9 7.2 7.5 7.8 8.1 8.4 8.7 9.0 9.3 9.6 9.9 10.2 10.5 10.8 11.1 11.4 11.7 12.0 12.3 12.6 12.9 13.2 13.5 13.8 14.1 14.4 14.7 15.0 15.3 15.6 15.9 16.2 16.5 16.8 17.1 17.4 17.7 18.0 18.3 18.6 18.9 19.2 19.5 19.8 20.1 20.4 20.7 21.0 21.3 21.6 21.9 22.2 22.5 22.8 23.1 23.4 23.7 24.0 24.3 24.6 24.9 25.2 25.5 25.8 26.1 26.4 26.7 27.0 27.3 27.6 27.9 28.2 28.5 28.8 29.1 29.4 29.7 30.0 30.3 30.6 30.9 31.2 31.5 31.8 32.1 32.4 32.7 33.0 33.3 33.6 33.9 34.2 34.5 34.8 35.1 35.4 35.7 36.0 36.3 36.6 36.9 37.2 37.5 37.8 38.1 38.4 38.7 39.0 39.3 39.6 39.9 40.2 40.5 40.8 41.1 41.4 41.7 42.0 42.3 42.6 42.9 43.2 43.5 43.8 44.1 44.4 44.7 45.0 45.3 45.6 45.9 46.2 46.5 46.8 47.1 47.4 47.7 48.0 48.3 48.6 48.9 49.2 49.5 49.8 50.1 50.4 50.7 51.0 51.3 51.6 51.9 52.2 52.5 52.8 53.1 53.4 53.7 54.0 54.3 54.6 54.9 55.2 55.5 55.8 56.1 56.4 56.7 57.0 57.3 57.6 57.9 58.2 58.5 58.8 59.1 59.4 59.7 60.0 60.3 60.6 60.9 61.2 61.5 61.8 62.1 62.4 62.7 63.0 63.3 63.6 63.9 64.2 64.5 64.8 65.1 65.4 65.7 66.0 66.3 66.6 66.9 67.2 67.5 67.8 68.1 68.4 68.7 69.0 69.3 69.6 69.9 70.2 70.5 70.8 71.1 71.4 71.7 72.0 72.3 72.6 72.9 73.2 73.5 73.8 74.1 74.4 74.7 75.0 75.3 75.6 75.9 76.2 76.5 76.8 77.1 77.4 77.7 78.0 78.3 78.6 78.9 79.2 79.5 79.8 80.1 80.4 80.7 81.0 81.3 81.6 81.9 82.2 82.5 82.8 83.1 83.4 83.7 84.0 84.3 84.6 84.9 85.2 85.5 85.8 86.1 86.4 86.7 87.0 87.3 87.6 87.9 88.2 88.5 88.8 89.1 89.4 89.7 90.0 90.3 90.6 90.9 91.2 91.5 91.8 92.1 92.4 92.7 93.0 93.3 93.6 93.9 94.2 94.5 94.8 95.1 95.4 95.7 96.0 96.3 96.6 96.9 97.2 97.5 97.8 98.1 98.4 98.7 99.0 99.3 99.6 99.9 100.2 100.5 100.8 101.1 101.4 101.7 102.0 102.3 102.6 102.9 103.2 103.5 103.8 104.1 104.4 104.7 105.0 105.3 105.6 105.9 106.2 106.5 106.8 107.1 107.4 107.7 108.0 108.3 108.6 108.9 109.2 109.5 109.8 110.1 110.4 110.7 111.0 111.3 111.6 111.9 112.2 112.5 112.8 113.1 113.4 113.7 114.0 114.3 114.6 114.9 115.2 115.5 115.8 116.1 116.4 116.7 117.0 117.3 117.6 117.9 118.2 118.5 118.8 119.1 119.4 119.7 120.0 120.3 120.6 120.9 121.2 121.5 121.8 122.1 122.4 122.7 123.0 123.3 123.6 123.9 124.2 124.5 124.8 125.1 125.4 125.7 126.0 126.3 126.6 126.9 127.2 127.5 127.8 128.1 128.4 128.7 129.0 129.3 129.6 129.9 130.2 130.5 130.8 131.1 131.4 131.7 132.0 132.3 132.6 132.9 133.2 133.5 133.8 134.1 134.4 134.7 135.0 135.3 135.6 135.9 136.2 136.5 136.8 137.1 137.4 137.7 138.0 138.3 138.6 138.9 139.2 139.5 139.8 140.1 140.4 140.7 141.0 141.3 141.6 141.9 142.2 142.5 142.8 143.1 143.4 143.7 144.0 144.3 144.6 144.9 145.2 145.5 145.8 146.1 146.4 146.7 147.0 147.3 147.6 147.9 148.2 148.5 148.8 149.1 149.4 149.7 150.0 150.3 150.6 150.9 151.2 151.5 151.8 152.1 152.4 152.7 153.0 153.3 153.6 153.9 154.2 154.5 154.8 155.1 155.4 155.7 156.0 156.3 156.6 156.9 157.2 157.5 157.8 158.1 158.4 158.7 159.0 159.3 159.6 159.9 160.2 160.5 160.8 161.1 161.4 161.7 162.0 162.3 162.6 162.9 163.2 163.5 163.8 164.1 164.4 164.7 165.0 165.3 165.6 165.9 166.2 166.5 166.8 167.1 167.4 167.7 168.0 168.3 168.6 168.9 169.2 169.5 169.8 170.1 170.4 170.7 171.0 171.3 171.6 171.9 172.2 172.5 172.8 173.1 173.4 173.7 174.0 174.3 174.6 174.9 175.2 175.5 175.8 176.1 176.4 176.7 177.0 177.3 177.6 177.9 178.2 178.5 178.8 179.1 179.4 179.7 180.0 180.3 180.6 180.9 181.2 181.5 181.8 182.1 182.4 182.7 183.0 183.3 183.6 183.9 184.2 184.5 184.8 185.1 185.4 185.7 186.0 186.3 186.6 186.9 187.2 187.5 187.8 188.1 188.4 188.7 189.0 189.3 189.6 189.9 190.2 190.5 190.8 191.1 191.4 191.7 192.0 192.3 192.6 192.9 193.2 193.5 193.8 194.1 194.4 194.7 195.0 195.3 195.6 195.9 196.2 196.5 196.8 197.1 197.4 197.7 198.0 198.3 198.6 198.9 199.2 199.5 199.8 200.1 200.4 200.7 201.0 201.3 201.6 201.9 202.2 202.5 202.8 203.1 203.4 203.7 204.0 204.3 204.6 204.9 205.2 205.5 205.8 206.1 206.4 206.7 207.0 207.3 207.6 207.9 208.2 208.5 208.8 209.1 209.4 209.7 210.0 210.3 210.6 210.9 211.2 211.5 211.8 212.1 212.4 212.7 213.0 213.3 213.6 213.9 214.2 214.5 214.8 215.1 215.4 215.7 216.0 216.3 216.6 216.9 217.2 217.5 217.8 218.1 218.4 218.7 219.0 219.3 219.6 219.9 220.2 220.5 220.8 221.1 221.4 221.7 222.0 222.3 222.6